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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :	A1	(11) International Publication Number:	WO 99/35150
C07F 9/09		(43) International Publication Date:	15 July 1999 (15.07.99)

(21) International Application Number:	PCT/US99/00419	(81) Designated States:	CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).
(22) International Filing Date:	8 January 1999 (08.01.99)	Published	
(30) Priority Data:	60/071,070 60/111,531	9 January 1998 (09.01.98) 9 December 1998 (09.12.98)	With international search report. With amended claims.
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(54) Title: SYNTHESIS OF COMBRETASTATIN A-4 PRODRUGS AND TRANS-ISOMERS THEREOF

(57) Abstract

Combretastatin A-4 has been previously selected for pre-clinical development as antineoplastic agents. However, it is essentially insoluble in water. New water soluble derivatives of combretastatin A-4 and its qualified analogs have been discovered and synthesized through a multistage process using other derivatives of combretastatin A-4 as intermediates. These water soluble derivatives are herein denominated as "Combretastatin A-4 Prodrugs".